

Service ID

S00241

**Location**

Remote, Spain

Satellite: Evaluation of results of physical testing

Provider service

University of Cordoba

Link to content<https://agrifoodtef.eu/services/satellite-evaluation-results-physical-testing>**Type of Sector**

Arable farming, Horticulture, Livestock farming

Accepted type of products

Data, Design / Documentation, Other

Type of service

Performance evaluation, Test design

Description

This service offers an evaluation of satellite-derived data quality by applying performance metrics that assess model reliability and effectiveness. The service includes a comprehensive analysis of test data and previously collected ground truth data to validate the performance of models used in precision agriculture. With a detailed performance report, clients receive valuable insights that support model improvement and informed decision-making in agricultural management.

How can the service help you

This evaluation service provides users with structured performance assessments of satellite-based models, enabling developers and agronomists to understand model accuracy and reliability. The service is ideal for those aiming to fine-tune predictive models for yield estimation or crop monitoring using satellite imagery.

How the service will be delivered

The service utilises data previously gathered through satellite imagery. Evaluation is performed by applying pre-established metrics, with results documented and delivered to the client. Customers must supply test data and any necessary ground truth data for the evaluation.

Service customisation

Clients can select specific performance metrics or request tailored evaluation criteria to match their project needs. Any additional analysis requirements should be discussed with the provider to ensure compatibility with collected data.